



July 2007

DEPARTMENT OF EDUCATION
2006–2007 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. The *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2006-2007 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science and technology at grades 4 and 8, based on achievement standards set last year and disaggregated by student and school characteristics. The reports also contain baseline status in writing at grades 5 and 8, reported according to new standards set this year through a process approved by advisory committees and informed by Maine teachers. This report, together with MEA individual student and subject specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The writing reports provide information on a student's ability to respond to a prompt measuring narrative writing at grade 5 and persuasive/argumentative writing at grade 8. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2007 (Reports Revised October 2007)
ID: 10881284
District: Lewiston School Department
School: Thomas J McMahon Elem Sch

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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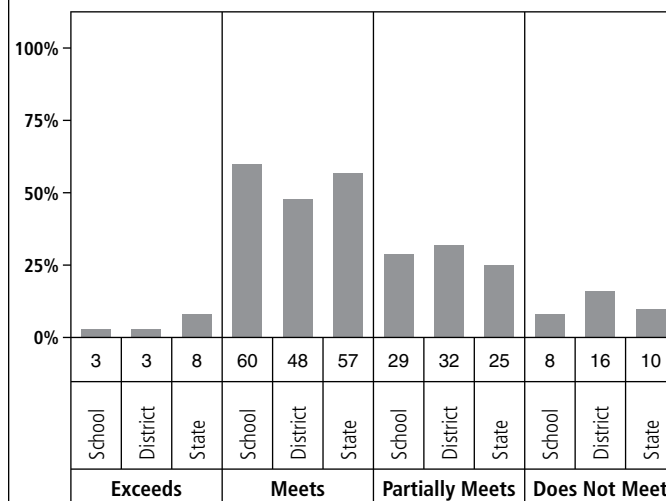
SUMMARY OF SCORES

Date: March 2007
Grade: 6
District: Lewiston School Department
School: Thomas J McMahon Elem Sch

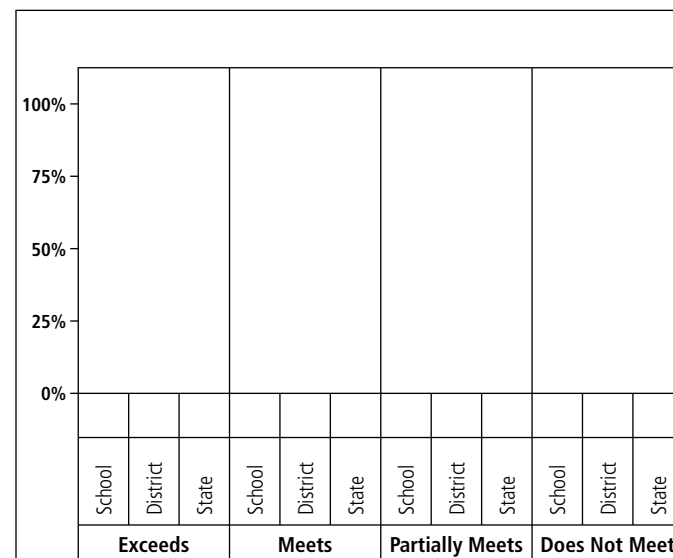
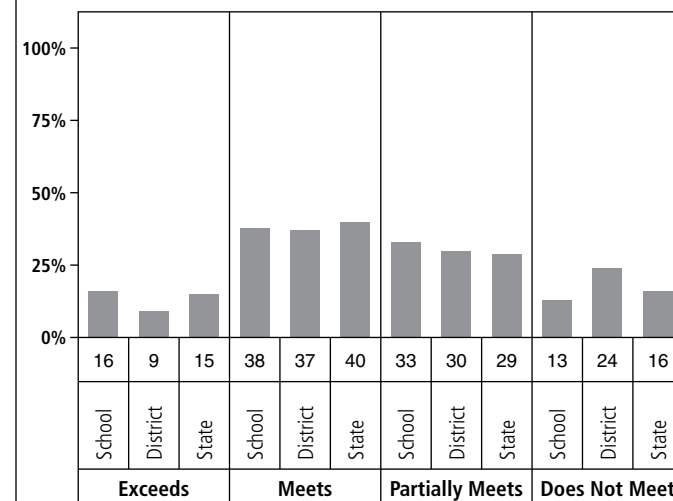
Summary of School, District, and State Scores

| Year | Average Scaled Score | | |
|----------------------|----------------------|------------|------------|
| | School | District | State |
| ELA – Reading | | | |
| 2005–2006 | 642 | 641 | 644 |
| 2006–2007 | 644 | 641 | 646 |
| Cum. Avg. * | 643 | 641 | 645 |
| Mathematics | | | |
| 2005–2006 | 635 | 636 | 641 |
| 2006–2007 | 643 | 638 | 643 |
| Cum. Avg. * | 639 | 637 | 642 |
| | | | |
| | | | |

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Date: March 2007
Grade: 6
District: Lewiston School Department
School: Thomas J McMahon Elem Sch

| CATEGORY OF PARTICIPATION | | Enrollment ¹ during testing window | | | | | | CONTENT AREA PARTICIPATION ² | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------------------------------|--|-----|----------|-----|-------|-----|---|-----|----------|-----|-------|-----|-------------|-----|----------|-----|-------|-----|--------|---|----------|---|-------|---|--------|---|----------|---|-------|---|
| | | | | | | | | ELA-Reading | | | | | | Mathematics | | | | | | | | | | | | | | | | | |
| | | School | | District | | State | | School | | District | | State | | School | | District | | State | | School | | District | | State | | School | | District | | State | |
| | | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Total number of students | | 64 | 100 | 367 | 100 | 14621 | 100 | 64 | 100 | 364 | 99 | 14494 | 99 | 64 | 100 | 366 | 100 | 14498 | 99 | | | | | | | | | | | | |
| Ethnicity | African American | 10 | 16 | 79 | 22 | 358 | 2 | 10 | 100 | 77 | 97 | 351 | 98 | 10 | 100 | 78 | 99 | 355 | 99 | | | | | | | | | | | | |
| | American Indian/Native Alaskan | 0 | 0 | 2 | 1 | 106 | 1 | 0 | 0 | 2 | 100 | 105 | 99 | 0 | 0 | 2 | 100 | 106 | 100 | | | | | | | | | | | | |
| | Asian/Pacific Islander | 0 | 0 | 3 | 1 | 214 | 1 | 0 | 0 | 3 | 100 | 212 | 99 | 0 | 0 | 3 | 100 | 213 | 100 | | | | | | | | | | | | |
| | Hispanic | 3 | 5 | 8 | 2 | 164 | 1 | 3 | 100 | 8 | 100 | 160 | 99 | 3 | 100 | 8 | 100 | 159 | 98 | | | | | | | | | | | | |
| | White | 51 | 80 | 275 | 75 | 13776 | 94 | 51 | 100 | 274 | 100 | 13665 | 99 | 51 | 100 | 275 | 100 | 13664 | 99 | | | | | | | | | | | | |
| | Not Reported | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 0 | 0 | 0 | 0 | 1 | 33 | | | | | | | | | | | | |
| Identified disability | | 13 | 20 | 63 | 17 | 2570 | 18 | 13 | 100 | 63 | 100 | 2519 | 99 | 13 | 100 | 63 | 100 | 2521 | 99 | | | | | | | | | | | | |
| Current LEP | | 9 | 14 | 62 | 17 | 292 | 2 | 9 | 100 | 60 | 97 | 284 | 97 | 9 | 100 | 61 | 98 | 290 | 99 | | | | | | | | | | | | |
| Economically disadvantaged | | 31 | 48 | 230 | 63 | 5456 | 37 | 31 | 100 | 227 | 99 | 5389 | 99 | 31 | 100 | 229 | 100 | 5391 | 99 | | | | | | | | | | | | |
| Migrant | | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 100 | 0 | 0 | 0 | 0 | 8 | 100 | | | | | | | | | | | | |

| MODE OF PARTICIPATION ³ | ELA-Reading | | | | | | Mathematics | | | | | | | | | | | | | | | | | |
|---|-------------|-----|----------|-----|-------|----|-------------|-----|----------|-----|-------|----|--------|---|----------|---|-------|---|--------|---|----------|---|-------|---|
| | School | | District | | State | | School | | District | | State | | School | | District | | State | | School | | District | | State | |
| | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Participation without accommodations | 49 | 77 | 271 | 74 | 11904 | 81 | 49 | 77 | 272 | 74 | 11926 | 82 | | | | | | | | | | | | |
| Identified disability (PET/IEP) | 3 | 6 | 7 | 3 | 471 | 4 | 3 | 6 | 8 | 3 | 491 | 4 | | | | | | | | | | | | |
| LEP | 5 | 10 | 30 | 11 | 159 | 1 | 5 | 10 | 30 | 11 | 165 | 1 | | | | | | | | | | | | |
| 504 plan | 0 | 0 | 5 | 2 | 162 | 1 | 0 | 0 | 5 | 2 | 164 | 1 | | | | | | | | | | | | |
| Participation with accommodations | 14 | 22 | 86 | 23 | 2382 | 16 | 14 | 22 | 89 | 24 | 2380 | 16 | | | | | | | | | | | | |
| Identified disability (PET/IEP) | 9 | 64 | 51 | 59 | 1855 | 78 | 9 | 64 | 50 | 56 | 1843 | 77 | | | | | | | | | | | | |
| LEP | 4 | 29 | 28 | 33 | 110 | 5 | 4 | 29 | 31 | 35 | 120 | 5 | | | | | | | | | | | | |
| 504 plan | 1 | 7 | 1 | 1 | 58 | 2 | 1 | 7 | 1 | 1 | 56 | 2 | | | | | | | | | | | | |
| Other | 2 | 14 | 8 | 9 | 389 | 16 | 2 | 14 | 9 | 10 | 390 | 16 | | | | | | | | | | | | |
| Participation through alternate assessment (PAAP) | 1 | 2 | 5 | 1 | 198 | 1 | 1 | 2 | 5 | 1 | 192 | 1 | | | | | | | | | | | | |
| Identified disability (PET/IEP) | 1 | 100 | 5 | 100 | 193 | 97 | 1 | 100 | 5 | 100 | 187 | 97 | | | | | | | | | | | | |
| LEP | 0 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 5 | 3 | | | | | | | | | | | | |
| 504 plan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| Approved non-participation in reading – 1st year LEP | 0 | 0 | 2 | 1 | 10 | 0 | | | | | | | | | | | | | | | | | | |
| Approved non-participation – special consideration | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | | | | | | | | | | | | |
| Non-participation – other | 0 | 0 | 3 | 1 | 105 | 1 | 0 | 0 | 1 | 0 | 101 | 1 | | | | | | | | | | | | |

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| ACHIEVEMENT LEVEL DEFINITIONS | | STUDENTS AT EACH ACHIEVEMENT LEVEL | | | | | |
|--|--|------------------------------------|-----------|------------|-----------|-------------|-----------|
| | | School | | District | | State | |
| | | N | % | N | % | N | % |
| Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680) | 2005-2006 2006-2007 Cum. Avg. | 6 | 8 | 23 | 6 | 1176 | 8 |
| | | 2 | 3 | 11 | 3 | 1132 | 8 |
| | | 4 | 6 | 17 | 5 | 1154 | 8 |
| Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660) | 2005-2006 2006-2007 Cum. Avg. | 32 | 44 | 161 | 45 | 7612 | 51 |
| | | 38 | 60 | 172 | 48 | 8127 | 57 |
| | | 35 | 51 | 167 | 47 | 7870 | 54 |
| Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640) | 2005-2006 2006-2007 Cum. Avg. | 21 | 29 | 92 | 26 | 4080 | 27 |
| | | 18 | 29 | 116 | 32 | 3549 | 25 |
| | | 20 | 29 | 104 | 29 | 3815 | 26 |
| Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628) | 2005-2006 2006-2007 Cum. Avg. | 13 | 18 | 79 | 22 | 2005 | 13 |
| | | 5 | 8 | 58 | 16 | 1478 | 10 |
| | | 9 | 13 | 69 | 19 | 1742 | 12 |

| Learning Results Content Standard Cluster | Number of Points Possible | | Average Points Attained (Number and Percent) | | | | | |
|--|---------------------------------|-----|--|------|----------|------|-------|------|
| | | | School | | District | | State | |
| | N | % | N | % | N | % | N | % |
| Total Reading Cluster | 56 | 100 | 32.8 | 58.6 | 30.6 | 54.6 | 33.8 | 60.4 |
| Literary Text | 28 | 50 | 15.1 | 53.9 | 14.3 | 51.1 | 16.0 | 57.1 |
| Informational Text | 28 | 50 | 17.8 | 63.6 | 16.3 | 58.2 | 17.7 | 63.2 |

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short authentic texts, selected from developmentally appropriate published works. Items on the MEA measure Grade Level Expectations, based on Maine’s *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| REPORTING CATEGORIES | School | | | | | | | | | | District | | | | | | State | | | | | |
|--|--------|---|----|----|----|----|----|---|----|-------------------|----------|----|----|----|----|-------------------|--------|----|----|----|----|-------------------|
| | Tested | E | | M | | P | | D | | Mean Scaled Score | Tested | E | M | P | D | Mean Scaled Score | Tested | E | M | P | D | Mean Scaled Score |
| | N | N | % | N | % | N | % | N | % | | N | % | % | % | % | | N | % | % | % | % | |
| All Students | 63 | 2 | 3 | 38 | 60 | 18 | 29 | 5 | 8 | 644 | 357 | 3 | 48 | 32 | 16 | 641 | 14286 | 8 | 57 | 25 | 10 | 646 |
| Ethnicity | | | | | | | | | | | | | | | | | | | | | | |
| African American | 10 | 0 | 0 | 4 | 40 | 3 | 30 | 3 | 30 | 636 | 75 | 1 | 33 | 28 | 37 | 633 | 339 | 2 | 46 | 25 | 26 | 639 |
| American Indian/Native Alaskan | 0 | | | | | | | | | | 2 | | | | | | 104 | 4 | 42 | 30 | 24 | 640 |
| Asian/Pacific Islander | 0 | | | | | | | | | | 3 | | | | | | 208 | 9 | 54 | 26 | 11 | 647 |
| Hispanic | 3 | | | | | | | | | | 8 | 0 | 63 | 13 | 25 | 639 | 159 | 6 | 50 | 26 | 18 | 643 |
| White | 50 | 2 | 4 | 31 | 62 | 15 | 30 | 2 | 4 | 646 | 269 | 4 | 51 | 35 | 10 | 643 | 13475 | 8 | 57 | 25 | 10 | 646 |
| Not Reported | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | |
| Identified disability | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 12 | 0 | 0 | 4 | 33 | 7 | 58 | 1 | 8 | 638 | 58 | 0 | 19 | 41 | 40 | 631 | 2326 | 1 | 25 | 39 | 35 | 635 |
| No | 51 | 2 | 4 | 34 | 67 | 11 | 22 | 4 | 8 | 646 | 299 | 4 | 54 | 31 | 12 | 643 | 11960 | 9 | 63 | 22 | 6 | 648 |
| Limited English proficient students | | | | | | | | | | | | | | | | | | | | | | |
| Current LEP in first year | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | |
| Current LEP beyond first year | 9 | 0 | 0 | 3 | 33 | 3 | 33 | 3 | 33 | 634 | 58 | 0 | 26 | 29 | 45 | 630 | 268 | 1 | 32 | 33 | 34 | 635 |
| Economically disadvantaged | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 30 | 0 | 0 | 15 | 50 | 11 | 37 | 4 | 13 | 639 | 221 | 1 | 39 | 38 | 22 | 637 | 5269 | 3 | 46 | 33 | 17 | 641 |
| No | 33 | 2 | 6 | 23 | 70 | 7 | 21 | 1 | 3 | 649 | 136 | 6 | 63 | 24 | 7 | 647 | 9017 | 11 | 63 | 20 | 6 | 649 |
| Migrant | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 0 | | | | | | | | | | 0 | | | | | | 8 | 0 | 63 | 13 | 25 | 641 |
| No | 63 | 2 | 3 | 38 | 60 | 18 | 29 | 5 | 8 | 644 | 357 | 3 | 48 | 32 | 16 | 641 | 14278 | 8 | 57 | 25 | 10 | 646 |
| Gender | | | | | | | | | | | | | | | | | | | | | | |
| Female | 31 | 1 | 3 | 20 | 65 | 7 | 23 | 3 | 10 | 646 | 166 | 5 | 55 | 27 | 14 | 643 | 6997 | 11 | 60 | 21 | 8 | 648 |
| Male | 32 | 1 | 3 | 18 | 56 | 11 | 34 | 2 | 6 | 643 | 191 | 2 | 42 | 38 | 18 | 639 | 7288 | 5 | 54 | 28 | 12 | 644 |
| Not Reported | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | |
| Title 1A targeted program | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 16 | 0 | 0 | 9 | 56 | 6 | 38 | 1 | 6 | 642 | 63 | 2 | 30 | 35 | 33 | 633 | 1187 | 3 | 35 | 42 | 20 | 639 |
| No | 47 | 2 | 4 | 29 | 62 | 12 | 26 | 4 | 9 | 645 | 294 | 3 | 52 | 32 | 13 | 643 | 13099 | 8 | 59 | 23 | 9 | 647 |
| Gifted/talented program | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 7 | 1 | 14 | 5 | 71 | 1 | 14 | 0 | 0 | 657 | 20 | 25 | 65 | 10 | 0 | 657 | 489 | 35 | 61 | 4 | 0 | 659 |
| No | 56 | 1 | 2 | 33 | 59 | 17 | 30 | 5 | 9 | 643 | 337 | 2 | 47 | 34 | 17 | 640 | 13797 | 7 | 57 | 26 | 11 | 646 |

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| QUESTIONNAIRE ITEMS | School | | | | | | | | | | District | | | | | | State | | | | | |
|--|---------------------------------|------------------|-------------------|--------------------|----------------------|-------------------|-----------------------|------------------|---------------------|--------------------------|---------------------------------|------------------|----------------------|----------------------|----------------------|--------------------------|---------------------------------|-------------------|----------------------|----------------------|---------------------|--------------------------|
| | Students in Each Category | E | | M | | P | | D | | Mean Scaled Score | Students in Each Category | E | M | P | D | Mean Scaled Score | Students in Each Category | E | M | P | D | Mean Scaled Score |
| | | % | N | % | N | % | N | % | N | | | % | % | % | % | | | % | % | % | % | |
| How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours | 3 46 46 5 | 0 0 1 1 | 0 0 3 33 | 0 18 18 2 | 0 62 62 67 | 1 8 9 0 | 50 28 31 0 | 1 3 1 0 | 50 10 3 0 | 626 643 646 658 | 4 55 37 5 | 0 3 3 6 | 21 53 47 25 | 21 28 40 31 | 57 15 9 38 | 628 642 642 636 | 5 60 32 3 | 4 8 9 6 | 40 58 59 47 | 30 24 25 28 | 26 10 7 19 | 639 646 647 643 |
| How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match. | 51 38 8 3 | 2 0 0 0 | 6 0 0 0 | 20 16 2 0 | 63 67 40 0 | 8 7 1 2 | 25 29 20 100 | 2 1 2 0 | 6 4 40 0 | 648 644 632 637 | 45 43 8 4 | 6 1 0 0 | 54 50 30 8 | 28 37 30 38 | 12 12 41 54 | 644 641 631 624 | 39 49 9 3 | 11 7 5 2 | 62 57 42 29 | 21 27 31 30 | 6 9 21 39 | 648 646 641 634 |
| Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor | 27 46 22 5 | 2 0 0 0 | 12 0 0 0 | 11 19 8 0 | 65 66 57 0 | 3 9 5 1 | 18 31 36 33 | 1 1 1 2 | 6 3 7 67 | 651 645 642 619 | 28 51 19 2 | 9 1 0 0 | 53 50 39 25 | 13 39 45 25 | 24 10 15 50 | 642 642 639 628 | 27 55 16 2 | 16 6 1 1 | 63 60 43 24 | 14 26 37 46 | 7 9 18 30 | 651 646 640 635 |
| How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork | 19 67 14 | 0 2 0 | 0 5 0 | 6 25 7 | 50 60 78 | 4 13 1 | 33 31 11 | 2 2 1 | 17 5 11 | 639 646 646 | 14 69 17 | 0 4 3 | 27 51 58 | 29 35 22 | 45 10 17 | 631 643 643 | 14 65 21 | 6 8 9 | 48 59 58 | 26 25 24 | 20 8 9 | 642 647 646 |
| How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read. | 11 59 30 | 0 1 1 | 0 3 6 | 3 21 13 | 43 58 72 | 2 12 3 | 29 33 17 | 2 2 1 | 29 6 6 | 635 645 648 | 10 54 36 | 0 2 6 | 21 47 60 | 30 39 22 | 48 12 12 | 628 641 645 | 7 49 44 | 2 5 12 | 30 55 64 | 36 29 18 | 33 10 6 | 636 645 649 |
| How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork. | 46 48 6 | 0 2 0 | 0 7 0 | 17 21 0 | 59 70 0 | 10 5 3 | 34 17 75 | 2 2 1 | 7 7 25 | 643 647 633 | 50 45 5 | 3 4 0 | 43 58 21 | 36 28 32 | 18 10 47 | 640 644 628 | 46 50 3 | 7 9 3 | 56 60 39 | 26 24 33 | 11 8 26 | 645 647 639 |
| How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home. | 10 67 13 11 | 0 2 0 0 | 0 5 0 0 | 4 26 4 4 | 67 62 50 57 | 0 14 3 1 | 0 33 38 14 | 2 0 1 2 | 33 0 13 29 | 644 647 638 638 | 20 61 8 11 | 3 4 0 0 | 57 47 38 49 | 28 36 38 19 | 13 13 24 32 | 644 642 636 637 | 18 51 13 18 | 12 9 5 2 | 61 60 53 47 | 19 23 28 34 | 8 7 14 17 | 649 647 644 641 |
| Optional school/district question A. B. C. D. | 0 100 0 0 | 0 0 0 0 | 0 0 0 0 | 1 1 0 0 | 100 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 650 | 20 20 20 40 | 0 0 0 0 | 50 50 0 25 | 50 0 50 25 | 0 50 50 50 | 645 630 624 627 | | | | | | |

MATHEMATICS RESULTS

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| ACHIEVEMENT LEVEL DEFINITIONS | | STUDENTS AT EACH ACHIEVEMENT LEVEL | | | | | |
|---|------------------|------------------------------------|-----------|------------|-----------|-------------|-----------|
| | | School | | District | | State | |
| | | N | % | N | % | N | % |
| Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680) | 2005-2006 | 3 | 4 | 31 | 9 | 1463 | 10 |
| | 2006-2007 | 10 | 16 | 31 | 9 | 2092 | 15 |
| | Cum. Avg. | 7 | 10 | 31 | 9 | 1778 | 12 |
| Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660) | 2005-2006 | 30 | 42 | 136 | 38 | 5914 | 40 |
| | 2006-2007 | 24 | 38 | 132 | 37 | 5731 | 40 |
| | Cum. Avg. | 27 | 39 | 134 | 37 | 5823 | 40 |
| Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640) | 2005-2006 | 16 | 22 | 84 | 23 | 4494 | 30 |
| | 2006-2007 | 21 | 33 | 110 | 30 | 4175 | 29 |
| | Cum. Avg. | 19 | 28 | 97 | 27 | 4335 | 30 |
| Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626) | 2005-2006 | 23 | 32 | 110 | 30 | 3014 | 20 |
| | 2006-2007 | 8 | 13 | 88 | 24 | 2308 | 16 |
| | Cum. Avg. | 16 | 23 | 99 | 27 | 2661 | 18 |

| Learning Results Content Standard Clusters | Number of Points Possible | | Average Points Attained (Number and Percent) | | | | | |
|---|---------------------------------|----|--|------|----------|------|-------|------|
| | | | School | | District | | State | |
| | N | % | N | % | N | % | N | % |
| Cluster 1: Numbers and Operations | 18 | 32 | 8.5 | 47.2 | 7.2 | 40.0 | 8.3 | 46.1 |
| Cluster 2: Shape and Size | 14 | 25 | 6.7 | 47.9 | 5.7 | 40.7 | 6.7 | 47.9 |
| Cluster 3: Mathematical Decision Making | 8 | 14 | 5.8 | 72.5 | 5.3 | 66.3 | 5.6 | 70.0 |
| Cluster 4: Patterns | 16 | 29 | 10.3 | 64.4 | 10.0 | 62.5 | 10.8 | 67.5 |

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lslt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| REPORTING CATEGORIES | School | | | | | | | | | | District | | | | | | State | | | | | |
|--|--------|----|----|----|----|----|----|---|----|-------------------|----------|----|----|----|----|-------------------|--------|----|----|----|----|-------------------|
| | Tested | E | | M | | P | | D | | Mean Scaled Score | Tested | E | M | P | D | Mean Scaled Score | Tested | E | M | P | D | Mean Scaled Score |
| | N | N | % | N | % | N | % | N | % | | N | % | % | % | % | | N | % | % | % | % | |
| All Students | 63 | 10 | 16 | 24 | 38 | 21 | 33 | 8 | 13 | 643 | 361 | 9 | 37 | 30 | 24 | 638 | 14306 | 15 | 40 | 29 | 16 | 643 |
| Ethnicity | | | | | | | | | | | | | | | | | | | | | | |
| African American | 10 | 0 | 0 | 3 | 30 | 3 | 30 | 4 | 40 | 628 | 78 | 3 | 24 | 24 | 49 | 627 | 350 | 4 | 29 | 32 | 35 | 633 |
| American Indian/Native Alaskan | 0 | | | | | | | | | | 2 | | | | | | 105 | 7 | 22 | 37 | 34 | 634 |
| Asian/Pacific Islander | 0 | | | | | | | | | | 3 | | | | | | 211 | 24 | 37 | 27 | 12 | 648 |
| Hispanic | 3 | | | | | | | | | | 8 | 13 | 38 | 38 | 13 | 644 | 158 | 11 | 36 | 30 | 23 | 640 |
| White | 50 | 9 | 18 | 19 | 38 | 18 | 36 | 4 | 8 | 646 | 270 | 10 | 39 | 32 | 18 | 641 | 13481 | 15 | 41 | 29 | 15 | 644 |
| Not Reported | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | |
| Identified disability | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 12 | 0 | 0 | 3 | 25 | 6 | 50 | 3 | 25 | 629 | 58 | 0 | 10 | 40 | 50 | 625 | 2334 | 3 | 18 | 32 | 47 | 628 |
| No | 51 | 10 | 20 | 21 | 41 | 15 | 29 | 5 | 10 | 647 | 303 | 10 | 42 | 29 | 19 | 641 | 11972 | 17 | 44 | 29 | 10 | 646 |
| Limited English proficient students | | | | | | | | | | | | | | | | | | | | | | |
| Current LEP in first year | 0 | | | | | | | | | | 1 | | | | | | 10 | 0 | 20 | 20 | 60 | 627 |
| Current LEP beyond first year | 9 | 0 | 0 | 2 | 22 | 3 | 33 | 4 | 44 | 626 | 60 | 2 | 18 | 25 | 55 | 623 | 275 | 5 | 24 | 29 | 41 | 631 |
| Economically disadvantaged | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 30 | 2 | 7 | 10 | 33 | 11 | 37 | 7 | 23 | 635 | 225 | 5 | 26 | 32 | 36 | 632 | 5282 | 7 | 32 | 36 | 26 | 637 |
| No | 33 | 8 | 24 | 14 | 42 | 10 | 30 | 1 | 3 | 651 | 136 | 14 | 54 | 27 | 5 | 648 | 9024 | 19 | 45 | 25 | 10 | 647 |
| Migrant | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 0 | | | | | | | | | | 0 | | | | | | 8 | 13 | 50 | 13 | 25 | 639 |
| No | 63 | 10 | 16 | 24 | 38 | 21 | 33 | 8 | 13 | 643 | 361 | 9 | 37 | 30 | 24 | 638 | 14298 | 15 | 40 | 29 | 16 | 643 |
| Gender | | | | | | | | | | | | | | | | | | | | | | |
| Female | 31 | 5 | 16 | 11 | 35 | 11 | 35 | 4 | 13 | 644 | 168 | 8 | 39 | 30 | 23 | 639 | 7004 | 14 | 41 | 30 | 15 | 644 |
| Male | 32 | 5 | 16 | 13 | 41 | 10 | 31 | 4 | 13 | 643 | 193 | 9 | 35 | 31 | 25 | 638 | 7301 | 15 | 39 | 29 | 17 | 643 |
| Not Reported | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | |
| Title 1A targeted program | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 16 | 0 | 0 | 4 | 25 | 10 | 63 | 2 | 13 | 637 | 67 | 1 | 18 | 34 | 46 | 626 | 1196 | 3 | 24 | 43 | 30 | 634 |
| No | 47 | 10 | 21 | 20 | 43 | 11 | 23 | 6 | 13 | 646 | 294 | 10 | 41 | 30 | 19 | 641 | 13110 | 16 | 42 | 28 | 15 | 644 |
| Gifted/talented program | | | | | | | | | | | | | | | | | | | | | | |
| Yes | 7 | 2 | 29 | 5 | 71 | 0 | 0 | 0 | 0 | 659 | 20 | 45 | 55 | 0 | 0 | 662 | 489 | 59 | 37 | 4 | 1 | 664 |
| No | 56 | 8 | 14 | 19 | 34 | 21 | 38 | 8 | 14 | 642 | 341 | 6 | 35 | 32 | 26 | 637 | 13817 | 13 | 40 | 30 | 17 | 643 |

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007
 Grade: 6
 District: Lewiston School Department
 School: Thomas J McMahon Elem Sch

| QUESTIONNAIRE ITEMS | School | | | | | | | | | | District | | | | | | State | | | | | |
|--|---------------------------------|-------------------|----------------------|--------------------|----------------------|-------------------|----------------------|-------------------|----------------------|--------------------------|---------------------------------|--------------------|----------------------|----------------------|-----------------------|--------------------------|---------------------------------|----------------------|----------------------|----------------------|----------------------|--------------------------|
| | Students in Each Category | E | | M | | P | | D | | Mean Scaled Score | Students in Each Category | E | M | P | D | Mean Scaled Score | Students in Each Category | E | M | P | D | Mean Scaled Score |
| | | % | N | % | N | % | N | % | N | | | % | % | % | % | | | % | % | % | % | |
| How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours | 3 46 46 5 | 0 5 4 1 | 0 17 14 33 | 0 10 13 1 | 0 34 45 33 | 0 11 9 1 | 0 38 31 33 | 2 3 3 0 | 100 10 10 0 | 600 642 647 651 | 4 55 36 5 | 7 9 9 6 | 13 38 39 22 | 7 31 35 22 | 73 22 17 50 | 618 639 641 629 | 5 60 32 3 | 11 15 15 12 | 29 41 41 34 | 25 29 30 31 | 35 15 13 23 | 635 644 644 639 |
| How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match. | 65 24 8 3 | 9 1 0 0 | 22 7 0 0 | 19 5 0 0 | 46 33 0 0 | 11 7 0 0 | 27 47 60 0 | 2 2 2 2 | 5 13 40 100 | 650 639 621 601 | 56 32 8 4 | 12 6 0 8 | 42 37 11 8 | 27 39 33 15 | 21 17 56 69 | 641 640 622 619 | 47 42 9 2 | 19 12 7 5 | 44 39 27 14 | 26 32 36 24 | 11 17 30 57 | 647 642 635 625 |
| Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor | 29 54 10 8 | 4 6 0 0 | 22 18 0 0 | 10 12 2 0 | 56 35 33 0 | 2 14 3 2 | 11 41 50 40 | 2 2 1 3 | 11 6 17 60 | 648 645 639 618 | 32 46 20 3 | 17 7 1 0 | 41 40 26 11 | 19 32 47 44 | 23 21 26 44 | 642 639 633 623 | 28 50 19 3 | 31 11 3 2 | 45 44 28 16 | 16 31 43 41 | 8 14 27 41 | 652 643 635 629 |
| How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork | 35 53 11 | 3 5 2 | 14 15 29 | 7 15 2 | 32 45 29 | 8 11 1 | 36 33 14 | 4 2 2 | 18 6 29 | 640 646 643 | 28 60 12 | 6 8 19 | 20 44 37 | 39 30 19 | 35 18 26 | 632 641 641 | 23 62 15 | 7 14 30 | 35 43 40 | 34 30 21 | 25 14 10 | 638 644 651 |
| How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork. | 56 41 3 | 5 5 0 | 14 19 0 | 12 11 1 | 34 42 50 | 15 6 0 | 43 23 0 | 3 4 1 | 9 15 50 | 643 645 628 | 53 43 4 | 8 11 0 | 33 43 23 | 36 25 23 | 23 21 54 | 638 641 623 | 47 49 3 | 13 17 13 | 40 41 30 | 31 28 27 | 17 14 30 | 643 645 638 |
| How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never | 10 33 30 27 | 2 1 3 4 | 33 5 16 24 | 1 6 9 8 | 17 29 47 47 | 3 10 7 1 | 50 48 37 6 | 0 4 0 4 | 0 19 0 24 | 654 636 650 642 | 14 31 38 17 | 10 7 7 13 | 27 31 45 37 | 29 42 24 28 | 33 19 24 22 | 634 638 639 641 | 16 35 38 12 | 11 14 16 15 | 34 41 43 36 | 34 29 28 29 | 22 15 13 20 | 640 644 645 642 |
| Which statement best describes the use of calculators in mathematics class? A. Calculators are used daily. B. Calculators are used once or twice a week. C. Calculators are used once or twice a month. D. Calculators are rarely or never used. | 13 46 31 10 | 1 3 4 1 | 13 11 21 17 | 3 13 7 1 | 38 46 37 17 | 2 11 3 4 | 25 39 16 67 | 2 1 5 0 | 25 4 26 0 | 637 646 641 646 | 8 43 26 24 | 4 9 9 10 | 19 42 37 33 | 33 33 25 32 | 44 17 29 25 | 628 641 638 638 | 11 40 25 24 | 15 15 40 13 | 36 42 40 40 | 30 28 30 30 | 19 15 14 18 | 642 644 644 642 |
| On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes | 10 60 26 5 | 1 6 3 0 | 17 16 19 0 | 2 15 5 2 | 33 41 31 67 | 0 12 7 1 | 0 32 44 33 | 3 4 1 0 | 50 11 6 0 | 633 645 644 647 | 7 40 35 19 | 8 8 7 14 | 21 36 41 39 | 8 35 33 26 | 63 21 20 21 | 627 638 640 641 | 7 37 42 14 | 10 12 17 17 | 30 39 43 40 | 28 32 27 28 | 32 17 12 14 | 636 642 646 645 |
| Optional school/district question A. B. C. D. | 0 100 0 0 | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 662 | 20 20 20 40 | 50 50 0 0 | 0 0 0 25 | 0 0 0 25 | 50 50 100 50 | 649 634 613 619 | | | | | | |

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 N = Number